

From prelim. amdt.
dated 7/14/03

AMENDED CLAIMS

Please cancel claims 1-44. ³²

Please add new claims ³³ ³⁴ ³⁵ 45-47 as shown below:

- Renumbered
95
per
37 CFR
1.126
AM
3/20/06
1. (CANCELED)
 2. (CANCELED)
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- ~~33. (CANCELED)~~
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- ~~39. (CANCELED)~~
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- ~~41. (CANCELED)~~
- ~~42. (CANCELED)~~
- ~~43. (CANCELED)~~
- ~~44. (CANCELED)~~

~~33~~ 45. (NEW) A hybrid corn seed produced by the method of crossing a first inbred parent corn plant with a second inbred parent corn plant and harvesting the resultant hybrid corn seed, wherein said first inbred parent corn plant or second said parent corn plant is the corn plant designated 3JP286, representative seed of said inbred having been deposited under ATCC Accession No. PTA-5204.

~~34~~ 46. (NEW) An F₁ hybrid seed produced by crossing the inbred corn plant designated 3JP286 with another, different corn plant.

~~35~~ 47. (NEW) A hybrid corn plant, or its parts, produced by growing said hybrid corn seed of claim 46.

From prelim. Amatl.
dated 2/26/04

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

~~35~~ 1.-47 (CANCELED)

~~36~~ 48. (NEW) A male-sterile corn plant produced by growing seed of corn line 3JP286, a representative sample of the seed having ATCC Accession No. PTA-5204.

~~37~~ 49. (NEW) An F₁ hybrid corn seed produced by a method comprising: crossing an inbred corn plant with another different inbred corn plant and harvesting the resultant F₁ hybrid corn seed, wherein the inbred parent corn plant or the other different inbred corn plant is produced by growing inbred corn seed 3JP286, a representative sample of the seed having ATCC Accession No. PTA-5204.

~~38~~ 50. (NEW) A hybrid corn plant, or a part thereof, produced by a method comprising: growing the F₁ hybrid corn seed of claim 49.

~~39~~ 51. (NEW) A corn seed produced by a method comprising: growing the F₁ hybrid corn plant of claim 50 and harvesting the resultant corn seed.

~~40~~ 52. (NEW) A method of producing corn seed comprising: crossing the hybrid corn plant of claim 50 with another corn plant and harvesting the resultant corn seed.

~~41~~ 53. (NEW) A method of producing inbred corn seed 3JP286, a representative sample of the seed having ATCC Accession No. PTA-5204, comprising:

- a) planting a collection of seed comprising seed of a hybrid, one of whose parents is inbred corn plant 3JP286, the collection also comprising seed of the inbred;
- b) growing plants from the collection of seed;
- c) identifying inbred parent plants with decreased vigor;
- d) controlling pollination to preserve homozygosity of the inbred parent plants; and,

~~42~~ e) harvesting the resultant inbred corn seed.

~~54~~ 54. (NEW) A method of introducing a desired trait into corn inbred line 3JP286, comprising:

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- a) crossing inbred corn plant 3JP286, a representative sample of seed of the inbred line having been deposited under ATCC Accession No. PTA-5204, with a second corn plant comprising a desired trait to produce progeny corn plants;
- b) selecting from the progeny corn plants a progeny corn plant that comprises the desired trait;
- c) crossing the selected progeny plant with a further corn plant 3JP286 to produce further progeny corn plants;
- d) selecting a further progeny plant that comprises the desired trait and substantially all physiological and morphological characteristics of the corn plant 3JP286; and,
- e) repeating steps c) and d) one or more times to produce a converted progeny plant comprising the desired trait.

⁴²55. (NEW) The method of claim 54, wherein the desired trait is selected from the group consisting of male sterility, waxy starch, herbicide resistance, resistance to bacterial, fungal, or viral disease, insect resistance, male fertility, enhanced nutritional quality, industrial usage, yield stability and yield enhancement.

⁴³56. (NEW) A plant produced by the method of claim 54, wherein the plant has the desired trait.